

Kansas Department of Transportation
District Four
Specification for Chain Link Fence

Fabric: 72" wide, 9 gauge, 2 oz. galvanizing, 2" mesh.

Line Post: 2 3/8" O.D., full weight galvanized pipe, 3.65 lb. per foot. Line posts set 10' on center, maximum spacing. Concrete footing, 12" diameter x 36" deep.

Terminal Post: 4" O.D., full weight galvanized, Concrete footing 12" diameter x 42" deep.

Terminal Post for the swing gate: 8 5/8 O.D., full weight galvanized, Concrete footing 12" diameter x 42" deep.

Bracing: Terminal posts braced and trussed to the nearest line post with 1 5/8" O.D., full weight pipe and 3/8" truss rod and truss rod tightener.

Cantilever Gates: Framework top and Bottom constructed of 2 3/8" SS40 full weight galvanized pipe. All interior bracing will be 2". Gates to be braced and trussed as necessary. Rollers will have steel brackets with 7" nylon rollers with sealed bearings. Same fabric as fence.

Gate Post: 4" O.D. full weight galvanized pipe, 9.10 lb. per foot. Concrete footing, 12" diameter x 42" deep.

Tension Wire: 7 gauge coil spring, Class III tension wire attached to bottom of fence fabric with 9 gauge aluminum hog ring spaced 24" on center.

Barbed Wire: 3 strands 12 1/2 gauge, 4 point, Class III on 45° pressed steel barbed wire arm.

Fittings: Regular brace band & carriage bolt, pressed steel rail end, 45° pressed steel barbed wire arm, pressed steel cap, 3/16" x 3/4" tension bar, regular tension band and carriage bolt.

Tie wire: 8 1/4", 9 gauge aluminum tire wire and 6 1/2", 9 gauge aluminum tire wire spaced 15" on center for line posts and 24" on center for rails.

Post footing: Truck poured concrete.

